

SAMSUNG



REFRIGERATOR

**RT2AS
RT2BS
RTS24AS
RTS27BS**

ENGLISH

OWNER'S INSTRUCTIONS

Before operating the unit, please read this manual thoroughly, and retain for future reference.



FEATURES



Silver Nano Deodorizer.

- Powerful deodorizer through catalyst and filter.

Twist Ice Cube Tray (option).

- Easy to make and dispense ice.

Big Vegetable Box.

- Large space for vegetable.

Big Guard-egg.

- Store 20ea eggs in large guard.

High-Energy Efficiency.

- Optimized power consumption.

Mr. Cool pack (option).

- Keep the stored items cool for more time after power cut off.

Cool Ever Zone (option).

- Optimized humidity control (option) keeps vegetable & fresh longer.



REMARK

There is not some option according to the model and country.

Safety precautions

Read Instructions

Please read all safety and operating instructions before operating this appliance.

Retain Instructions

Please keep this Owner's Manual for future reference.

Heed Warnings

All warnings, Cautions and Notes on this refrigerator are important ; please pay attention to them.

Follow Instructions

For best results, follow all instructions given in this manual.

Model and Serial Numbers

Include both the model number and the serial number when corresponding with your Dealer concerning this product. Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual.

This manual is made on the basis of model
RT2BS

Date of Purchase: _____

Model No: _____

Serial No: _____

Contents

FEATURES.....	1
SAFETY INSTRUCTIONS.....	3
CAUTIONS WHILE USING.....	7
FIXER ASSEMBLY(option).....	8
INSTALLATION	9
LEVELLING THE APPLIANCE	10
BASIC PREPARATION	10
- Before using	10
- Storing food.....	11
PARTS	12~13
HOW TO USE	14
- Temperature control	14~15
- Making ice cubes	16
- Chiller Compartment	16
- Vegetable Bin.....	16
- Cool Pack(option).....	17
- Cool Ever Zone(option).....	17
REPLACING THE LAMP.....	17
REMOVING ACCESSORIES	18
CLEANING THE REFRIGERATOR ...	19
BEFORE CALLING SERVICE	20
Additional tips for proper usage	21
Ambient room temperature limits	22

SAFETY INSTRUCTIONS

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.



WARNING

- Use this appliance only for its intended purpose as described in this Owner's Instruction. We strongly recommend that any servicing be performed by a qualified individual/

SAFETY PRECAUTIONS

- When using electrical appliances, basic safety precautions should be followed, including the following:

CAUTION/WARNING

 WARNING	Indicates that a danger of death or serious injury exists.
 CAUTION	Indicates that a risk of personal injury or material damage exists.

OTHER SYMBOLS USED

	Represents something you must NOT.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents a ground is needed to prevent electric shock.
	It is recommended that this symbol be handled by service man.

- This refrigerator must be properly installed and located in accordance with the Installation Instructions before it is used.



Do not install the refrigerator in a damp place or a place where it may come in contact with water.

- Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not allow children to climb, stand or hang on the shelves or doors in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.



If the refrigerator is not to be used for vacation or a long period of time, make refrigerator empty and unplug the power code.

- Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. Remove all frozen food if the power failure lasts more than 24 hours.
 - Allow sufficient space to install the refrigerator on a flat surface.
- If your refrigerator is not level, the internal cooling system may not work correctly.**

Do not disassemble or repair the refrigerator by yourself. You may run the risk of causing a fire, malfunctions and/or personal injury.

The appliance must be positioned so that the plug is accessible after installation.

Do not place this refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliance.

If you smell pharmaceutical or smoke, unplug the power plug immediately and contact your Samsung Electronics service center.

R600a or R134a is used as a refrigerant. Check the Compressor label on the rear of the appliance and the rating label inside the fridge to see which refrigerant is used for your refrigerator.



The appliance with the symbol contains a small amount of isobutane refrigerant (R600a), a natural gas with high environmental compatibility as well as combustibility. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.

Refrigerant leakage out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and ventilate the room in which the appliance is located for several minutes.

- In order to avoid the creation of flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.
The room must be 1m³ in size for every 8g of R600a refrigerant in your particular appliance is shown on the identification plate inside the appliance.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

SAFETY INSTRUCTIONS



WARNING

DANGER! RISK OF CHILD ENTRAPMENT

- Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous... even if they will sit for "just a few days."

Do so in a way, that it is not possible for a child to remain trapped inside.

- If you are getting rid of your old refrigerator, please follow the instructions below to help prevent accidents.

keep fingers out of the "pinch point" areas; Clearances between the doors and cabinet are necessarily small. Be careful while closing the doors when children are in the area.

PROPER DISPOSAL OF THE REFRIGERATOR ***Before you throw away your old refrigerator or freezer***

- When disposing of this or other refrigerators, remove the door/door seals, door latch so that small children or animals cannot get trapped inside.
- Leave the shelves in place so that children may not easily climb inside.
- R600a or R134a is used as a refrigerant.
Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator.
When this product contains flammable gas (Refrigerant R600a) contact your local authority in regard to safe disposal of this product.

- Cyclo Pentane used as a insulation blowing gas.

The gases in the insulation material require special disposal procedure. Please dispose of the packing material for this product in an environmentally friendly manner. Please contact your local authorities in regard to the environmentally safe disposal of this product. This product contains flammable insulation blowing gas.

Ensure that none of the pipes on the back of the appliances are damaged prior to disposal. The pipes shall be broke in the open space.

- Please dispose of the packaging material for this product in an environmentally friendly.



CAUTIONS

- The refrigerant used in the refrigerator/freezer and the gases in the insulation material require special disposal procedures. Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.



WARNING

HOW TO CONNECT ELECTRICITY

- Do not plug several appliances into the same multiple power board.
The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.
This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Never unplug your refrigerator by pulling the power cord. Always grip plug firmly and pull straight out from the outlet.
Damage to the cord may cause a short-circuit, fire and/or electric shock.

- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Do not insert the power cord with wet hands.
- Unplug the refrigerator before cleaning and making repairs.

Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter or dust from the power plug pins.

- Otherwise there is a risk of fire.
If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back.

SAFETY INSTRUCTIONS

- Make sure that the power plug is not squashed or damaged by the back of the refrigerator. Do not bend the power cord excessively or place heavy articles on it.
Have the power cord repaired or replaced immediately by the manufacturer or its service agent if the power cord has become frayed. Do not use a cord that shows cracks or abrasion damage along its length or at either end. If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- Unplug the appliance from the power supply before changing the interior light of the refrigerator.
Otherwise, there is a risk of electric shock. If you experience difficulty when changing the light contact your service center. In case of LED lamp, don't change the interior light of the refrigerator at your own risk, ask its service agent
If you experience difficulty when changing the light, contact your service center.
- If the wall socket is loose, do not insert the power plug.
There is a risk of electric shock or fire.
- The appliance must be located where the plug is easily accessible.

FOOD KEEPING & TREATMENT CAUTION



Do not overfill the refrigerator with food.

- When you open the door, an item may fall out and cause personal injury or material damage.

Do not put bottles or glass containers in the freezer.

- When the contents freeze, the glass may break and cause personal injury.
- Bottle should be stored tightly together in the refrigerator so that they do not fall out.

Do not spray inflammable gas near the refrigerator.

- There is a risk of explosion or fire.

Do not directly spray water inside or outside the refrigerator.

- There is a risk of fire or electric shock.

Do not touch the inside walls of the freezer with wet hands.

- This may cause frostbite.

Do not store volatile or flammable substances in the refrigerator.

- The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.

Do not refreeze frozen foods that have thawed completely.

Do not store pharmaceuticals products, scientific materials or temperature-sensitive products in the refrigerator.

- Products that require strict temperature controls must not be stored in the refrigerator.

Do not put a container filled with water on the refrigerator.

- If spilled, there is a risk of fire or electric shock.

This product is intended only for the storage of food in a domestic environment.

INSTALLATION CAUTION



Do not store articles on the top of the appliance.

- When you open or close the door, the articles may fall and cause personal injury and/or material damage.

GROUNDING CAUTION



The refrigerator must be grounded.

- You must ground the refrigerator to prevent any power leakage or electric shocks caused by current leakage from the refrigerator.

Never use gas pipes, telephone lines or other potential lightning rods as ground.

- Improper use of the ground plug can result in electric shock.



WARNING

- Keep ventilation openings in the appliance enclosure or mounting structure clear of obstruction.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not place or use electrical appliances inside the refrigerator/ freezer, unless they are of a type recommended by the manufacturer.

SAFETY INSTRUCTIONS

CLEANING CAUTION



Do not insert your hands into the bottom area under the appliance.

- Any sharp edges may cause personal injury.

Never put fingers or other objects into the dispenser hole. It may cause personal injury or material damage.

Do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power cord pins.

- Otherwise there is a risk a risk of fire.

Before operating the appliance, please read this manual thoroughly and retain it for your reference.



REMARK

This refrigerator use CycloPentance as insulation blowing gas.

Contains fluorinated greenhouse gases covered by the Kyoto Protocol.

Hermetically sealed system.

Do not vent gases into the atmosphere.

Refrigerant type : R-134a Quantity : 0.13 kg

Global Warming Potential (GWP) = 1300

CAUTIONS WHILE USING



WARNING

Do not place carbonated or fizzy drinks in the freezer compartment.

This product is intended only for the storage of food in a domestic environment.



CAUTION

- Manufacturer's recommended storage times should be adhered to. Refer to relevant instructions.
- Please observe maximum storage times and expiry dates of frozen goods.
- The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed.
- Do not store food which goes bad easily at low temperature, such as bananas.
- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rising during the defrost can comply with ISO requirement, But If you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food in several layers of newspaper.



NOTE

Any increase in temperature of frozen food during defrosting can shorten its storage life.

